

Specific Format Required for a Complete Proposal

A complete proposal should contain the following information in this order and numbered this way:

1. New Program Proposal Form

Form NP

NEW PROGRAM PROPOSAL FORM

Sponsoring Institution(s):	<u>Southeast Missouri State University – Department of Health, Human Performance, & Recreation</u>
Program Title:	<u>Health Sciences</u>
Degree/Certificate:	<u>Bachelor of Science</u>
Options:	<u>-General Health Sciences</u> <u>-Pre-Physical/Occupational Therapy</u>
Delivery Site(s):	<u>Southeast Missouri State University – Main Campus and Online. Kennett, Malden, and Sikeston Campuses pending demand.</u>
CIP Classification (provide a CIP code):	<u>Health Sciences: 51.0</u>
Implementation Date:	<u>Fall 2014</u>
Cooperative Partners:	<u>None</u>
Expected Date of First Graduation:	<u>Spring 2017</u>

AUTHORIZATION

William Eddleman, Provost

Name/Title of Institutional Officer

William R. Eddleman
Signature

5-7-14
Date

Heather S. McMillan, Faculty Associate

Person to Contact for More Information

573-652-2317

Telephone

2. Need:

A. Student Demand:

- i. Estimated enrollment each year for the first five years for full-time and part-time students

Form SE
STUDENT ENROLLMENT PROJECTIONS

Year	1	2	3	4	5
Full-Time	13	20	23	27	30
Part-Time	0	5	5	5	5
TOTAL	13	25	28	32	35

- ii. Will enrollment be capped in the future? *No*

B. Market Demand:

- i. National, state, regional, or local assessment of labor need for citizens with these skills

Southeast Missouri State University has over 100 students currently enrolled who list as one of their majors Pre-Physical Therapy. Pre-Physical Therapy, as well as Pre-Occupational Therapy, are advising tracks and not majors, meaning that the students must identify a second program or degree granting major. Students interested in Physical Therapy and Occupational Therapy will have to matriculate to professional programs at other institutions. According to the United States Bureau of Labor Statistics the growth rate for jobs in these fields are 29% or greater through 2020.

In addition to attracting incoming Pre-Physical and Pre-Occupational Therapy students into the program, this program will also attract students who are currently majoring in Biomedical Sciences. This program is not designed to draw Biomedical Sciences students seeking medical school away from this program, rather to attract those who are not likely to meet the requirements for medical school. The students in the General Health Sciences option would be prepared for graduate study or to enter into occupations requiring laboratory skills.

Projected job growth rate for other potential occupations associated with this degree program:

Occupational Health and Safety – 0-9%

Clinical Laboratory Technologists – 10-19%

Chemical Technicians – 7%

Projected growth rate for fields in which students may seek graduate or professional study after completion of this degree program:

Epidemiologists – 20-28%

Chiropractors – 20-28%

Physician's Assistant – 29% or faster

C. Societal Need:

General needs which are not directly related to employment

There is a growing need for trained individuals in the field of health education and health services. With an aging population the need for allied health personnel is increasing rapidly as is indicated by the projected job growth in these fields.

D. Methodology used to determine "B" and "C" above.

Information from B and C was drawn from the United States Bureau of Labor Statistics web page and the Occupational Outlook Handbook produced by the Bureau of Labor Statistics. University enrollment statistics were drawn from enrollment data published by the Southeast Missouri State University Office of Institutional Research.

3. Duplication and Collaboration: If similar programs currently exist in Missouri, what makes the proposed program necessary and/or distinct from the others at public institutions, area vocational technical schools, and private career schools?

The proposed program is unique in structure. The University of Missouri has a Bachelor of Health Sciences degree, but the structure of that program is less defined than the proposed program. Therefore, the focus of this program is different from that of The University of Missouri.

St. Louis University offers an undergraduate Health Sciences major which is somewhat similar to the proposed program. The differences are the St. Louis program is also a Pre-Medicine pathway and is also the sole pathway for entry into their professional programs in Physical and Occupational Therapy.

Truman State University has a Health Sciences degree program which functions as a Pre-Medicine track, as well as Health Administration and Pre-Physician Assistant tracks. Truman State's track in Pre-Occupational Therapy holds the greatest similarity to the proposed program. In each case the proposed program requires more biology and chemistry than the Truman Health Science program.

Does delivery of the program involve a collaborative effort with any external institution or organization? If yes, please complete Form CL. No.

4. Program Structure:

Form PS
PROGRAM STRUCTURE

A.	Total credits required for graduation:	<u>131-134</u>
B.	Residency requirements, if any:	<u>None</u>
C.	General education (total credits):	<u>53</u>

General education courses (specific courses OR distribution area and credits):

<u>UI 100</u>	<u>3</u>	<u>cr.</u>	<u>EN 100</u>	<u>3</u>	<u>cr.</u>	<u>Artistic Exp</u>	<u>3</u>	<u>cr.</u>
<u>Literary Exp</u>	<u>3</u>	<u>cr.</u>	<u>SC 155</u>	<u>3</u>	<u>cr.</u>	<u>EN 140</u>	<u>3</u>	<u>cr.</u>
			<u>BI 151/FN</u>					
<u>PY 101</u>	<u>3</u>	<u>cr.</u>	<u>235</u>	<u>3</u>	<u>cr.</u>	<u>MA 134</u>	<u>3</u>	<u>cr.</u>
<u>CH 181/185</u>	<u>5</u>	<u>cr.</u>	<u>Major Civ</u>	<u>3</u>	<u>cr.</u>	<u>Econ Sys</u>	<u>3</u>	<u>cr.</u>
<u>PS 103/104</u>	<u>3</u>	<u>cr.</u>	<u>Social Sys</u>	<u>3</u>	<u>cr.</u>	<u>UI 3xx</u>	<u>3</u>	<u>cr.</u>
<u>UI 3xx</u>	<u>3</u>	<u>cr.</u>	<u>UI 4xx</u>	<u>3</u>	<u>cr.</u>			<u>cr.</u>

D.	Major requirements (total credits):	<u>78-81</u>
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Core Requirements (51 credit Hours)

<u>BI 153</u>	<u>4</u>	<u>cr.</u>	<u>BI 154</u>	<u>4</u>	<u>cr.</u>	<u>BS 113</u>	<u>4</u>	<u>cr.</u>
<u>BS 114</u>	<u>4</u>	<u>cr.</u>	<u>HL 113</u>	<u>3</u>	<u>cr.</u>	<u>HL 120</u>	<u>3</u>	<u>cr.</u>
			<u>PY 271/HS</u>					
<u>PY 220</u>	<u>3</u>	<u>cr.</u>	<u>242</u>	<u>3</u>	<u>cr.</u>	<u>PY 466/440</u>	<u>3</u>	<u>cr.</u>
<u>HL 105</u>	<u>2</u>	<u>cr.</u>	<u>FN 530</u>	<u>3</u>	<u>cr.</u>	<u>CH 186</u>	<u>3</u>	<u>cr.</u>
<u>CH 187</u>	<u>2</u>	<u>cr.</u>	<u>PH 120</u>	<u>5</u>	<u>cr.</u>	<u>PH 121</u>	<u>5</u>	<u>cr.</u>

Pre-Physical /Occupational Therapy Option (27 credit hours)

<u>FN 255</u>	<u>3</u>	<u>cr.</u>	<u>HL 251</u>	<u>3</u>	<u>cr.</u>	<u>HL 265</u>	<u>3</u>	<u>cr.</u>
<u>HL 321</u>	<u>3</u>	<u>cr.</u>	<u>HL 322</u>	<u>3</u>	<u>cr.</u>	<u>HL 323</u>	<u>3</u>	<u>cr.</u>
<u>HL 331</u>	<u>3</u>	<u>cr.</u>	<u>HL 444</u>	<u>3</u>	<u>cr.</u>	<u>HL 511</u>	<u>3</u>	<u>cr.</u>
		<u>cr.</u>			<u>cr.</u>			<u>cr.</u>

General Health Sciences Option (30 credit hours)

<u>BI200</u>	<u>3</u>	<u>cr.</u>	<u>BI 472</u>	<u>2</u>	<u>cr.</u>	<u>CH341</u>	<u>4</u>	<u>cr.</u>
			<u>Psychosocial</u>					
			<u>electives</u>			<u>Physical</u>		
			<u>(300-500</u>			<u>Rehab.</u>		
<u>CH 342</u>	<u>1</u>	<u>cr.</u>	<u>level)</u>	<u>9</u>	<u>cr.</u>	<u>electives</u>	<u>9</u>	<u>cr.</u>
<u>BI472</u>	<u>2</u>	<u>cr.</u>			<u>cr.</u>			<u>cr.</u>

E.	Free elective credits (sum of C, D, & E should equal A):	0
F.	Requirements for thesis, internship or other capstone experience:	General Health Sciences – 2 credit hour internship (BI472)
G.	Any unique features such as interdepartmental cooperation:	Cooperation among departments of Biology and Health, Human Performance and Recreation

PHYSICAL REHABILITATION ELECTIVES

_____ FN 255	Nutrition I	3
_____ FN 530	Pathophysiology	3
_____ HL 251	Introduction to Athletic Injuries	3
_____ HL 265	Therapeutic Modalities	3
_____ HL 321	Advanced Injury Assessment I	3
_____ HL 322	Advanced Injury Assessment II	3
_____ HL 323	Advanced Injury Assessment III	3
_____ HL 331/031	Exercise Physiology	3
_____ HL 444	Rehabilitation of Sports Injury	3
_____ HL 511	Applied Anatomy	3

PSYCHOSOCIAL ELECTIVES

_____ AN 101	Observing Other Cultures	3
_____ PY 362	Learning and Memory	3
_____ PY 525	Maturity and Aging	3
_____ PY 555	Health Psychology	3
_____ SO 102	Society, Culture, and Social Behavior	3

NEW COURSES TO BE DEVELOPED FOR THIS PROGRAM

HL 105 – Introduction to Allied Health Professions	2
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NEW COURSES TO BE DEVELOPED FOR MULTIPLE PROGRAMS

HL 4xx – Principles of Health Promotion	3
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6. Program Characteristics and Performance Goals: For collaborative programs, responsibility for program evaluation and assessment rests with the institution(s) granting the degree(s).

Form PG
PROGRAM CHARACTERISTICS AND PERFORMANCE GOALS

Institution Name:	Southeast Missouri State University
Program Name:	Health Sciences
Date:	August 2014

(Although all of the following guidelines may not be applicable to the proposed program, please carefully consider the elements in each area and respond as completely as possible in the format below. Quantification of performance goals should be included wherever possible.)

Student Preparation

- Any special admissions procedures or student qualifications required for this program which exceed regular university admissions, standards, e.g., ACT score, completion of core curriculum, portfolio, personal interview, etc. Please note if no special preparation will be required.
No specific admission procedures or student qualifications. Students will have to maintain an overall grade point average of 3.0 to be retained in the Pre-Physical/Occupational Therapy Option.
- Characteristics of a specific population to be served, if applicable
Students who are seeking bachelor's degree in a health/medical field.

Faculty Characteristics

- Any special requirements (degree status, training, etc.) for assignment of teaching for this degree/certificate
No specific training or degree other than basic requirements of the University and departments involved.
- Estimated percentage of credit hours that will be assigned to full-time faculty. Please use the term "full-time faculty" (and not FTE) in your descriptions here.
The core courses will have 100% of instruction from full-time faculty. Courses in the Pre-Physical/Occupational Therapy Option will have 100% of instruction from full-time faculty.
- Expectations for professional activities, special student contact, teaching/learning innovation
No specific activities for this program.

Enrollment Projections

- Student FTE majoring in program by the end of five years
98.75
- Percent of full-time and part-time enrollment by the end of five years
95% full-time, 5% part-time

Student and Program Outcomes

- Number of graduates per annum at three and five years after implementation
At the end of three years the number of graduates would be small, likely less than 10. At the end of five years one would expect a healthy number of graduates, likely in the 30-35 range. This is dependent on the number of students who will be retained in the program by the Pre-Physical/Occupational Therapy Option. The projected enrollment reflects an expected attrition rate due to this requirement.
- Special skills specific to the program
None
- Proportion of students who will achieve licensing, certification, or registration
Not applicable
- Performance on national and/or local assessments, e.g., percent of students scoring above the 50th percentile on normed tests; percent of students achieving minimal cut-scores on criterion-referenced tests. Include expected results on assessments of general education and on exit assessments in a particular discipline as well as the name of any nationally recognized assessments used.
No national assessments are to be used. Expected performance on University Writing Proficiency Assessment, 80% of students show proficiency or higher. Average MAPP II test scores for students in this program are expected to exceed the University average.
- Placement rates in related fields, in other fields, unemployed
For those students completing the Pre-Physical/Occupational Therapy Option, the expected placement rate into graduate/professional programs is 85-90%.
- Transfer rates, continuous study
The primary purpose of the Pre-Physical/Occupational Therapy option is to prepare students for matriculation into graduate or professional school. Therefore we expect a placement rate of 85-90% from this option.

Program Accreditation

- Institutional plans for accreditation, if applicable, including accrediting agency and timeline.
If there are no plans to seek specialized accreditation, please provide reasons.
No accreditation body

Alumni and Employer Survey

- Expected satisfaction rates for alumni, including timing and method of surveys
Alumni surveys will be conducted using the Alumni Association database. Online surveys will be conducted at the end of five years to determine satisfaction with the undergraduate degree program. For those students who matriculated to graduate and professional programs the expected satisfaction rate is >90%. For those who did not matriculate to graduate and professional programs the expected satisfaction rate is >75%.
- Expected satisfaction rates for employers, including timing and method of surveys
Since it is expected that the majority of students completing this program will matriculate into graduate or professional school a survey of employers would not likely yield useful data. The data gathered from employers would be confounded by the graduate or professional education. Therefore there are no plans for employer satisfaction surveys.

7. Accreditation: If accreditation is not a goal for this program, provide a brief rationale for your decision. If the institution is seeking program accreditation, provide any additional information that supports your program.

There is no accrediting body for a program of this type.

8. Institutional Characteristics: Please describe succinctly why your institution is particularly well equipped or well suited to support the proposed program.

The University has a great number of students who enroll hoping to enter allied health fields. Some of these fields require graduate or professional school, such as physical and occupational therapy. The Athletic Training Education Program offers courses which will offer an excellent foundation for students who study further in Physical and Occupational Therapy programs.

Other programs at Southeast Missouri State University, such as Nursing, have a great number of applicants for a limited number of openings in classes. Therefore, students who wished to go into an allied health field are left without a program to fit their needs. This program is designed to provide an area of study for those who wish to stay in the health field.

Southeast Missouri State University has a growing enrollment, with a large number of Pre-Professional students seeking further study in chiropractic, prosthetics, optometry, and a number of other fields. This program provides an alternative for these students.

9. Any Other Relevant Information: